



# CIRCIE 2019

## Challenges for the Islands in the era of the Circular Economy

***CRETE: Regional Perspective, Local Actions & Synergies with MED Islands***

*Dr Eleni Hatziyanni*

*Region of Crete, Greece*

Under the auspices of



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**6th Sustainable Mobility  
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# 2016 Crete's declaration highlights expected outputs for the Islands



## Priority axes for the MED islands:

- Water
- Waste Management
- Agrofood Sector
- Tourism
- Energy



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e) specific measures to gather and share data and information on islands for the purposes of policy development and implementation in the framework of the European Spatial Planning Observatory Network (ESPON)





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**Political Debate, Cagliari, Nov18**



**CoRs Brussels, Dec18, Regional Governors: Stavros Arnaoutakis (Crete) Francesco Pigliaru (Sardegna)**



**REGIONS & CITIES | European Week Brussels 8-11 October 2018**



**Workshop « Insularity and Circular Economy. Challenges and Further Perspectives » Oct 2018**



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Brussels, Oct 2018



Herakion Crete, Febr 2019



Rome, Nov 2018



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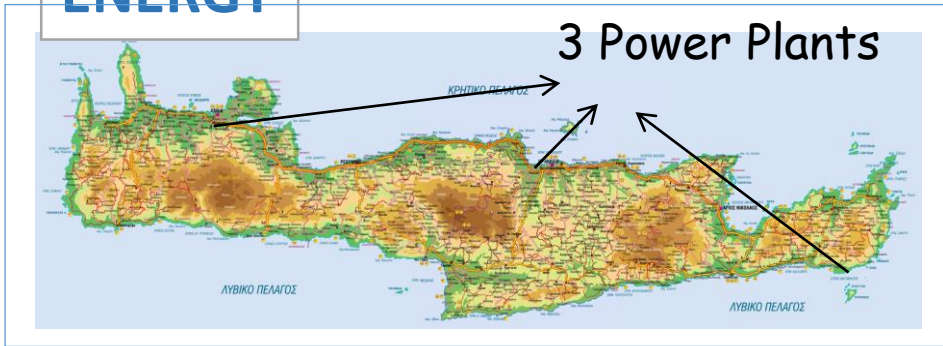
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# Key pillars for Sustainable Regional Management:

## ENERGY



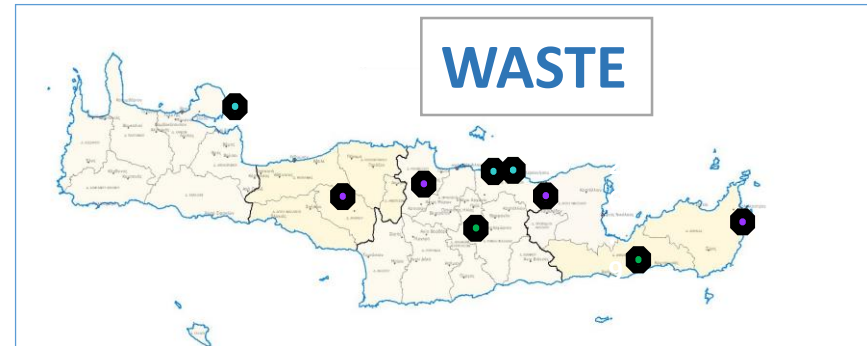
## WATER



## MOBILITY



## WASTE





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## Circle2018: highlighting a few conclusions/recommendations

6) Build **synergies among networks** of islands. A need for synergies and cooperation between islands was arisen, requiring the implementation of strategic plans related to energy, waste management, water, transport, at a **cross-islands scale**.

8) Join forces to **increase islands' visibility in the next MFF** and its implementation.

9) Promote **insularity clause** so that islands are covered in all EC **impact assessments** and specific provisions or derogations are foreseen, as appropriate.

11) **Capacity building & awareness raising** on a permanent basis as technologies and Know-how develop rapidly.

15) Empower the role of **private sector**. Enhance the establishment of PPPs and provide incentives to the private sector so as to develop circular economy initiatives and in particular use clean recyclables for the benefit of the EU economy.

18) Circular Economy as a new **business model**, including several sectors. CE becomes an economic driver and creates **green jobs**.



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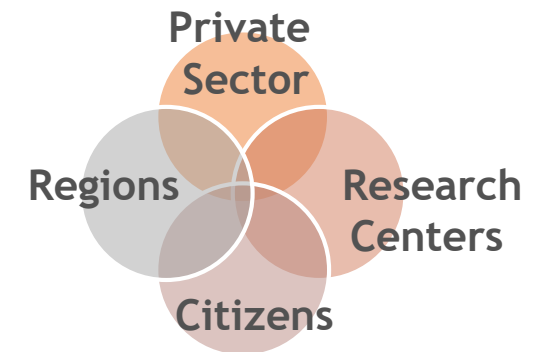


## Agrofood Pillar > 4 areas of specialization:

- 1) Smart agriculture and livestock farming,
- 2) Environmentally-friendly agriculture - livestock farming and adaptation to Climate Change,
- 3) Traceability and food safety in the agro-food sector,
- 4) **Circular economy.**

### ***RIS3 : Agrofood Complex***

RIS3 consultation and discussions took place with entrepreneurs, academic and research bodies all over Crete. There was a high level of participation with a total of 81 ideas/proposals submitted electronically on the RIS3 Crete website.

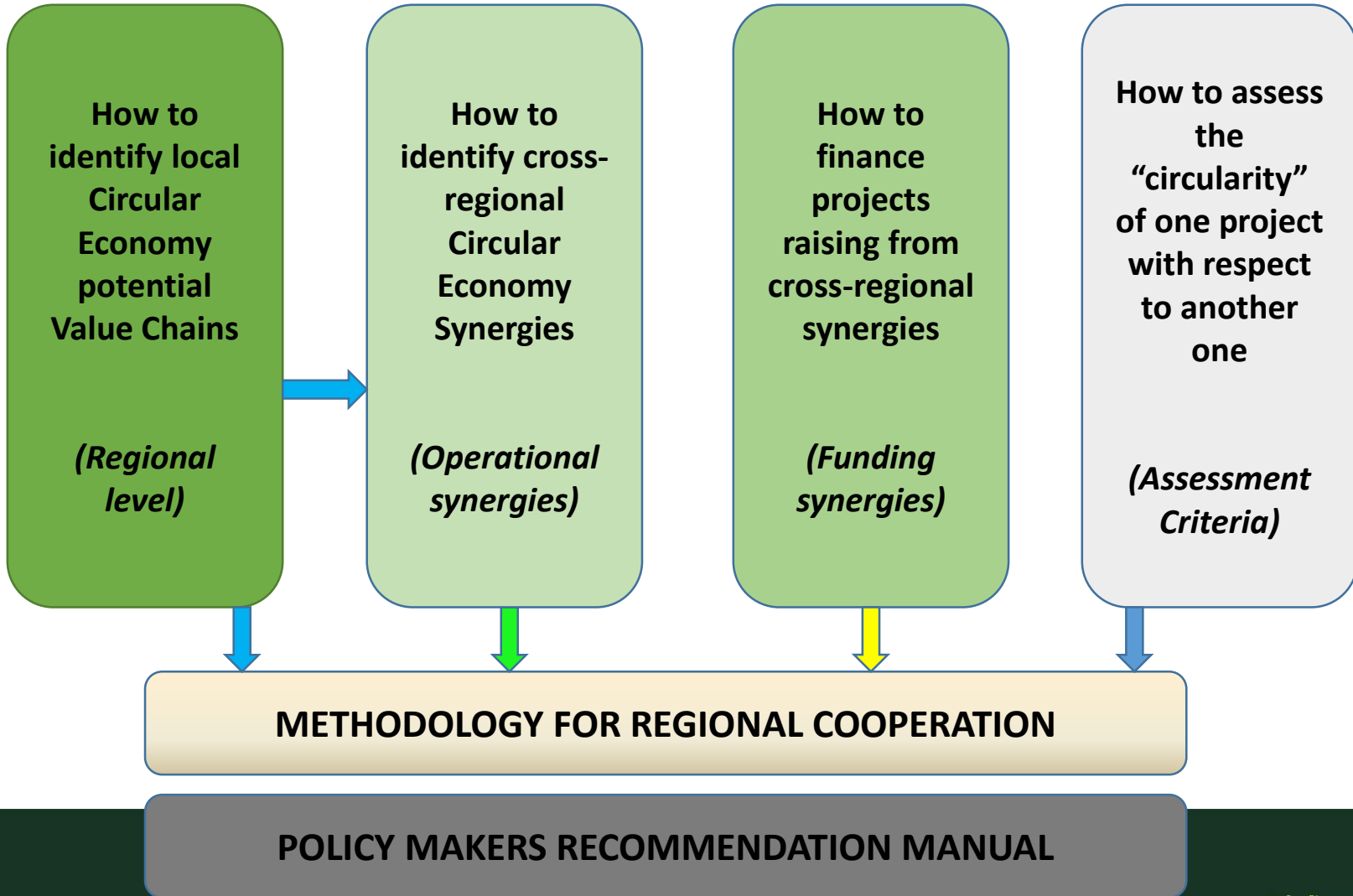


**Focusing on PPP:**  
**Public/Private/Partnerships**  
**And Business support**

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*Agrofood Sector: "Cheese Dairies and Wineries"*  
**Consultation/Regional Survey, Description of Value Chains**

*Interviews Questionnaires in 34 SMEs (25 cheese dairies, 9 wineries)*





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*Seasonal variation of waste as  
effect of tourism*



*Waste Management Intelligent  
Systems and Policies*



*Water Technology Innovation  
Roadmaps*



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*Water Technology Innovation  
Roadmaps*

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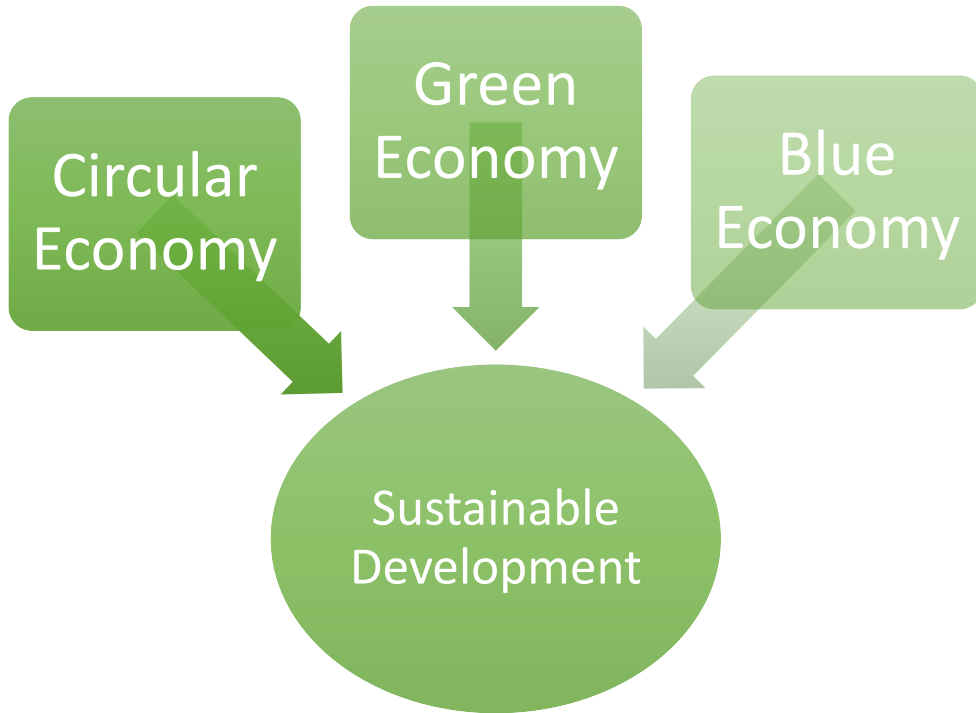
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# On Going European Projects (25)

## Thematic Sectors



Project Acronym	Thematic Sectors <i>(keywords)</i>
SCREEN	Circular Economy - Value Chains
SOCLIMPACT	Climate Change and Blue Economy at the Islands
THINKNATURE	Nature Based Solutions
BLUEISLANDS	Waste Management
MD.NET	Med Diet and Local Products
MISTRAL	Blue Growth (all sectors) and Clustering
ODEON	Open Data and Clustering
PANORAMED	Coastal Maritime Tourism, Maritime Surveillance
SHERPA	Energy efficiency
BRANDTOUR	Innovative Tourism
CLEAN	Energy Efficiency
NICHE	Agrofood, Local SMEs
REBUS	Energy Efficiency
ROAD	Corporate Social Responsibility
TANIA	Nanoremediation, treatment contamination
IMPRECO	Protected ecosystems management
INNOVAGRO	Agrofood, wine SMEs
TOUREST	Water management and touristic areas
ADAPT2CLIMA	Climate change and agriculture at med islands
NATURA IP	Protected ecosystems management
WINPOL	Smart technologies waste management
STRATENERGY	Energy efficiency
iWATERMAP	Innovation water management smart methodologies



# *Implementing SDGs at regional level*

*( A Joint Project in Cooperation with University of Crete )*

*Launch Event 23 April 2019, Crete*

*General Secretary of Greek Government, Union of Greek Regions Greek Regions*



- ✓ To capitalize projects results into regional policies
- ✓ To translate project results to results for achieving sustainability , through SDGs and specific indicators





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## Further Steps: At Regional, Trans regional, European Level

- ✓ **Building consensus** on a shared path towards material resource resiliency, circular economy and sustainable tourism on islands,
- ✓ **Building capacity** together with other insular Regions on circular economy regarding waste management, and marine litter, energy and water management
- ✓ **Focusing on coordination between policies** to achieve sustainable development results for islands, through interregional as well as cross-sectoral collaboration.

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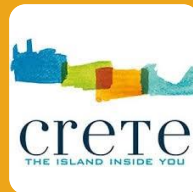


# Thank you for your attention

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Thursday 28 - Friday 29 March 2019, Nicosia, Cyprus

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